



FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0652.1900001/EKS/J-H	APPLICATION NO. 10/717,615
	FIRST NAMED INVENTOR Meyers, G.	
	FILING DATE November 21, 2003	ART UNIT 1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RZ	AA1	4,719,177	01/12/1988	Baltimore et al.			11/12/1981
RZ	AB1	5,206,163	04/27/1993	Renard et al.			06/06/1990
RZ	AC1	6,001,613	12/14/1999	Donis et al.			05/21/1997
RZ	AD1	6,168,942	01/02/2001	Cao et al.			11/04/1999
RZ	AE1	6,610,305	08/26/2003	Elbers et al.			11/06/2000
RZ	AF1	2004/0038198	02/26/2004	Elbers et al.			09/06/2002
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	AL						Yes No
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	AR	11	
RZ	AS	11	Behrens, S-E., et al., "Characterization of an Autonomous Subgenomic Pestivirus RNA Replicon," J. Virol. 72:2364-2372, American Society for Microbiology (March 1998)
RZ	AT	11	Boyer, J-C., and Haenni, A-L., "Minireview: Infectious Transcripts and cDNA Clones of RNA Viruses," Virol. 198:415-428, Elsevier Science B.V. (1994)

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R2	AR	12	Brock, K.V., et al., "Nucleotide sequencing of 5' and 3' termini of bovine viral diarrhea virus by RNA ligation and PCR," <i>J. Virol. Methods</i> 38:39-46, North-Holland Biomedical Press (1992)
R2	AS	12	Chambers, T.J., et al., "Mutagenesis of the yellow fever virus NS2B protein: effects on proteolytic processing, NS2B-NS3 complex formation, and viral replication," <i>J. Virol.</i> 67:6797-6807, American Society for Microbiology (1993)
R2	AT	12	Chon, S.K., et al., "Genetic analysis of the internal ribosome entry segment of bovine viral diarrhea virus," <i>Virology</i> 251:370-382, Elsevier Science B.V. (November 1998)

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<i>R2</i>	AR	<u>13</u>	Collett, M.S., et al., "Molecular cloning and nucleotide sequence of the pestivirus bovine viral diarrhea virus," <i>Virology</i> 165:191-199, Elsevier Science B.V. (1988)
<i>R2</i>	AS	<u>13</u>	Cortese, V.S., et al., "Specificity And Duration Of Neutralizing Antibodies Induced In Healthy Cattle After Administration Of A Modified-Live Virus Vaccine Against Bovine Viral Diarrhea," <i>Am. J. Vet. Res.</i> 59:848-850, American Veterinary Medical Association (July 1998)
<i>R2</i>	AT	<u>13</u>	Fekadu, M., et al., "Immunogenicity, Efficacy And Safety Of An Oral Rabies Vaccine (SAG-2) In Dogs," <i>Vaccine</i> 14:465-468, Elsevier Science B.V. (1996)

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R2	AR	14	Gu, B., et al., "The RNA Helicase and Nucleotide Triphosphatase Activities of the Bovine Viral Diarrhea Virus NS3 Protein Are Essential for Viral Replication," <i>J. Virol.</i> 74:1794-1800, American Society for Microbiology (February 2000)
R2	AS	14	Houe, H., et al., "Application Of Antibody Titers Against Bovine Viral Diarrhea Virus (BVDV) As a Measure To Detect Herds With Cattle Persistently Infected With BVDV," <i>J. Vet. Diagn. Invest.</i> 7:327-332, American Association Of Veterinary Laboratory Diagnosticians (1995)
R2	AT	14	Huang, Q.S., et al., "An in vitro ligation and transfection system for inserting DNA sequences into the latency-associated transcripts (LATs) gene of herpes simplex virus type 1," <i>Gene Ther.</i> 1:300-306, Nature Publishing Group (1994)

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RZ	AR	15	Kümmerer, B.M., and Meyers, G., "Correlation between Point Mutations in NS2 and the Viability and Cytopathogenicity of Bovine Viral Diarrhea Virus Strain Oregon Analyzed with an Infectious cDNA Clone," <i>J. Virol.</i> 74:390-400, American Society for Microbiology (January 2000)
RZ	AS	15	Kupfermann, H., et al., "Bovine viral diarrhea virus: characterization of a cytopathogenic defective interfering particle with two internal deletions," <i>J. Virol.</i> 70:8175-8181, American Society for Microbiology (1996)
RZ	AT	15	Lai, C.J., et al., "Infectious RNA transcribed from stably cloned full-length cDNA of dengue type 4 virus," <i>Proc. Natl. Acad. Sci.</i> 88:5139-5143, National Academy of Sciences (1991)

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RZ	AR	16	Men, R., et al., "Dengue type 4 virus mutants containing deletions in the 3' noncoding region of the RNA genome: analysis of growth restriction in cell culture and altered viremia pattern and immunogenicity in rhesus monkeys," J. Virol. 70:3930-3937, American Society for Microbiology (1996)
RZ	AS	16	Mendez, E., et al., "Infectious Bovine Viral Diarrhea Virus (Strain NADL) RNA from Stable cDNA Clones: a Cellular Insert Determines NS3 Production and Viral Cytopathogenicity," J. Virol. 72:4737-4745, American Society for Microbiology (June 1998)
RZ	AT	16	Meyers, G., and Thiel, H-J., "Molecular Characterization of Pestiviruses," Adv. Virus Res. 47:53-118, Academic Press (1996)

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RZ	AR	17	Moormann, R.J., et al., "Infectious RNA transcribed from an engineered full-length cDNA template of the genome of a pestivirus," J. Virol. 70:763-770, American Society for Microbiology (1996)
RZ	AS	17	Moser, C., et al., "A Recombinant Classical Swine Fever Virus Stably Expresses a Marker Gene," J. Virol. 72:5318-5322, American Society for Microbiology (June 1998)
RZ	AT	17	Murphy, F.A., et al., Veterinary Virology, Academic Press, San Diego, CA, pp.564-566 (May 1999)

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RZ	AR	18	Paoletti, E., et al., "Highly attenuated poxvirus vectors: NYVAC, ALVAC and TROVAC," <i>Dev. Biol. Stand.</i> 84:159-163, Basel Karger (1995)
RZ	AS	18	Ramig, R.F., "Principles of Animal Virus Genetics," in <i>Fundamental Virology</i> , Knipe, D.M., et al., eds., Lippincott Williams & Wilkins, Philadelphia, PA, p. 96 (1991)
RZ	AT	18	Rice, C.M., et al., "Transcription of infectious yellow fever RNA from full-length cDNA templates produced by <i>in vitro</i> ligation," <i>New Biol.</i> 1:285-296, W.B. Saunders (1989)

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<i>RZ</i>	AR	<u>19</u>	Ruggli, N., et al., "Nucleotide sequence of classical swine fever virus strain Alfort/187 and transcription of infectious RNA from stably cloned full-length cDNA," <i>J. Virol.</i> 70:3478-3487, American Society for Microbiology (1996)
<i>RZ</i>	AS	<u>19</u>	Rümenapf, T., et al., "N-Terminal Protease of Pestiviruses: Identification of Putative Catalytic Residues by Site-Directed Mutagenesis," <i>J. Virol.</i> 72:2544-2547, American Society for Microbiology (March 1998)
<i>RZ</i>	AT	<u>19</u>	Sumiyoshi, H., et al., "Infectious Japanese encephalitis virus RNA can be synthesized from in vitro-ligated cDNA templates," <i>J. Virol.</i> 66:5425-5431, American Society for Microbiology (1992)

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<i>R2</i>	AR	<u>20</u>	Tratschin, J-D., et al., "Classical Swine Fever Virus Leader Proteinase N ^{pro} Is Not Required for Viral Replication in Cell Culture," <i>J. Virol.</i> 72:7681-7684, American Society for Microbiology (September 1998)
<i>R2</i>	AS	<u>20</u>	van Oirschot, J.T., et al., "Vaccination of cattle against bovine viral diarrhea," <i>Vet. Microbiol.</i> 64:169-183, Elsevier Science B.V. (January 1999)
<i>R2</i>	AT	<u>20</u>	Vassilev, V.B., "Authentic and chimeric full-length genomic cDNA clones of bovine viral diarrhea virus that yield infectious transcripts," <i>J. Virol.</i> 71:471-478, American Society for Microbiology (June 1997)

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<i>R2</i>	AR	21	Yu, Z., et al., "Genetic engineering of a <i>Lymantria dispar</i> nuclear polyhedrosis virus for expression of foreign genes," <i>J. Gen. Virol.</i> 73:1509-1514, Society For General Microbiology (1992)
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